

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A ~~“CONTINUOUS VERTICAL PROCESSOR”~~, continuous vertical processor comprising:

~~in which there is~~ a basically cylindrical metal structure ~~(1)~~ within which ~~there are several~~ sealed separators ~~(12)~~, heated by steam pipes ~~(15)~~, connected to the steam-input pipes ~~(2)~~ and to the steam and condensate output pipes ~~(3)~~;

~~wherein the~~ a vertical axis ~~(8)~~ passes passing between ~~such said~~ separators, connected to the a motoring ~~(7)~~ thereof, and to which the mixing paddles ~~(13)~~ are fixed; and set at diametrically opposite positions to each other;

~~there being~~ a sluiceway ~~(14)~~ at each separator;

a gas exhaust pipe at each separator, connected to a gas-output pipe;

~~wherein there is~~ a product-input pipe ~~(5)~~ and a chopper at the a top portion ~~thereof of said~~ cylindrical metal structure, together with a chopper (6), and at the bottom portion thereof; and

an output sluiceway ~~(9)~~, ~~on the bottom portion of the~~ and a tilted cylindrical equalizing vat (10), with a heated jacket, at a bottom portion of the cylindrical metal structure, wherein the cylindrical equalizing vat comprises ~~wherein there is~~ a helicoid conveyor ~~(17)~~ powered by a reduction engine ~~(19)~~, the vat having, next to the highest portion thereof, an output sluiceway

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~~(11) and an output pipe for excess fat (18), having, within each stage, a gas exhaust pipe (16),
connected to the gas output pipe (4).~~